

Crystal defects

Crystal defects

See also narrower:

Crystal dislocations
Crystal impurities
Domain boundaries
Point defects
Radiation induced crystal defects
Slip bands
Stacking faults
Twinning (crystals)

See also related:

Color centers
Crystal growth
Deep donors
Defect level
Etching
Inclusions (geological)
Microstructure
Nonstoichiometry
Paramagnetic centers
Surface defects
Thermal donors
Voids (structures)
X-ray topography

Crystal dendrites

See Dendrites (crystal)

Crystal dislocations

See also narrower:

Dislocation loops
Misfit dislocations
Screw dislocations
Threading dislocations

See also related:

Grain boundaries
Slip bands
Stacking faults

Crystalline

See Starch [9005-25-8]

Crystal energy

See Lattice energy

Crystal field

See also related:

Crystal-field energy level
Crystal field splitting

Crystals

See also related:

Crystal field
Crystal field splitting
Excited state

Crystal field splitting

See also related:

Crystal field
Crystal-field energy level
Ligand field theory

Crystal field theory

See Ligand field theory

Crystal field theory and Ligand field theory

See Ligand field theory

Crystal form

See Crystal morphology

Crystal growth

See also narrower:

Bridgman crystal growth
Czochralski crystal growth
Epitaxy
Hydrothermal crystal growth

See also related:

Crystal defects
Crystal growth apparatus
Crystal growth kinetics
Crystallization
Crystal nucleation
Crystals
Crystal whiskers
Dendrites (crystal)
Flocculation
Metallurgy
Twinning (crystals)
Zone melting

Crystal growth apparatus

See also narrower:

Czochralski crystal growth apparatus
Epitaxy apparatus

See also related:

Crystal growth
Crystallization apparatus

Crystal growth kinetics

See also narrower: Epitaxial growth kinetics

See also related: Crystal growth

Crystal habit

See Crystal morphology

Crystal impurities

See also narrower:

Inclusions (crystal defects)
Magnetic impurities

See also related:

Impurity level
Interstitials
Ligand field theory

Crystal interstitials

See Interstitials

Crystallite A 1

See Quartz (SiO₂) [14808-60-7], powd.

Crystallite A 2

See Quartz (SiO₂) [14808-60-7]

Crystallite AA

See Quartz (SiO₂) [14808-60-7]

Crystallite C

See Quartz (SiO₂) [14808-60-7]

Crystallite C 86

See Silica [7631-86-9]

Crystallite CMC 1

See Silica [7631-86-9]

Crystallite CMC 12

See Silica [7631-86-9]

Crystallite CRS

See Quartz (SiO₂) [14808-60-7]

Crystallite CRS 6002

See Talc (Mg₃H₂(SiO₃)₂) [14807-96-6]

Crystallite FM 1

See Silica [7631-86-9]

Crystallite 3K

See Silica [7631-86-9]

Crystallite 5K

See Quartz (SiO₂) [14808-60-7]

Crystallite NA 1

See Silica [7631-86-9]

Crystallite SS

See Quartz (SiO₂) [14808-60-7]

Crystallite 5V

See Silica [7631-86-9]

Crystallite VX 3

See Silica [7631-86-9]

Crystallite VX-S

See Quartz (SiO₂) [14808-60-7]

Crystallite VX-S 2

See Quartz (SiO₂) [14808-60-7]

Crystallite VX-X

See Quartz (SiO₂) [14808-60-7]

Crystallite 5X

See Silica [7631-86-9]

Crystallite L 29

See Silicic acid, lithium salt [12627-14-4]

Crystallite L 40

See Silicic acid, lithium salt [12627-14-4]

Crystallite lattice dynamics

See Lattice dynamics

Crystallite lattice energy

See Lattice energy

Crystalline polymers

Valid heading during volumes 126-130 (1997-June)

1999) only

See

Polymer morphology

cryst.

Polymers

cryst.

Crystallinity

See also related:

Anchimetamorphism
Crystallization
Crystals
Organic matter maturation
Polymer morphology

Crystallins

α-Crystallins

Valid heading during volumes 126-130 (1997-June)

1999) only

See Crystallins, α-

αA-Crystallins

Valid heading during volumes 126-130 (1997-June)

1999) only

See Crystallins, αA-

αB-Crystallins

Valid heading during volumes 126-130 (1997-June)

1999) only

See Crystallins, αB-

β-Crystallins

Valid heading during volumes 126-130 (1997-June)

1999) only

See Crystallins, β-

γ-Crystallins

Valid heading during volumes 126-130 (1997-June)

1999) only

See Crystallins, γ-

δ-Crystallins

Valid heading during volumes 126-130 (1997-June)

1999) only

See Crystallins, δ-

Crystallites

See also narrower:

Microcrystallites
Nanocrystals
Spherulites (crystallites)

See also related:

Grain growth
Grain size
Precipitates

Crystallite size

See Grain size

Crystallization

See also narrower:

Crystal nucleation
Devitrification
Directional crystallization
Fractional crystallization (magma)
Grain refinement
Hydrothermal crystallization
Laser crystallization
Recrystallization
Zone crystallization

See also related:

Cloud point
Concentration (process)
Crystal growth
Crystallinity
Crystallization apparatus
Crystallization enthalpy
Crystallization kinetics
Crystals
Dendrites (crystal)

Freezing

Grain growth

Granitization

Liesegang rings

Metallurgy

Ostwald ripening

Polymer morphology

Precipitation (chemical)

Solubility

Sublimation

Supercooling

Zone melting

Crystallization apparatus

See also related:

Concentrators
Crystal growth apparatus
Crystallization
Evaporators

Separators

Crystallization enthalpy

See also related:

Crystallization
Fusion enthalpy
Sublimation enthalpy

Crystallization kinetics

See also narrower: Crystal nucleation kinetics

See also related: Crystallization

Crystallizers

See Crystallization apparatus

Crystallography

Studies relating only to broad aspects of this heading are indexed here. Studies relating to specific aspects, including properties, reactions, substances, phenomena, etc., are indexed at those headings. This heading is reserved for studies too broad or diffuse to be classified more specifically

See also narrower: Space groups

See also related:

Crystals
Petrology

Crystallon

See Aluminum oxide (Al₂O₃) [1344-28-1]

Crystallose

See 1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide,
sodium salt [128-44-9]

Crystall Man

See 2,5-Furandione [108-31-6]

Crystall morphology

See also related:

Particle shape
Polymorphism (crystal)

Crystall 100N

See Silicic acid, sodium salt [1344-09-8]

Crystall nucleating agents

See also related: Crystal nucleation

Crystall nucleation

See also related:

Crystal growth
Crystal nucleating agents
Crystal nucleation kinetics
Crystals

Crystall nucleation kinetics

See also related:

Crystal nucleation
Nucleation kinetics

Crystall orientation

See also narrower: Texture (metallographic)

See also related: Crystals

Crystall Ponceau 6R

See 1,3-Naphthalenedisulfonic
acid, 7-hydroxy-8-(1-naphthalenylazo)-,
disodium salt [2766-77-0]

Crystall resonators

See Resonators, piezoelec.

Crystals

See also narrower:

Crystallites
Crystal whiskers
Dendrites (crystal)
Electron crystals
Molecular crystals

See also related:

Brillouin zone
Crystal field
Crystal growth
Crystallinity
Crystallization
Crystallography
Crystal nucleation
Crystal orientation
Crystal structure
Lattice dynamics
Liquid crystals
Particles
Photonic crystals
Plastic crystals
Polycrystalline materials
Quasicrystals
Spherulites (crystallites)
Twinning (crystals)

Crystal structure

See also narrower:

Crystal defects
Crystallinity
Crystal morphology
Crystal orientation
Crystal structure types
Isomorphism
Mineral crystal structure
Polymorphism (crystal)
Superlattices
Widmanstätten structure

See also related:

Bond
Bond angle
Bond length
Configuration
Conformation
Coordination (structure)
Coordination number
Crystals
Crystal structure determination methods
Crystal structure-property relationship
Electron diffraction
Metamictization
Molecular structure
Order
Packing (particle)
Periodic structures
Segregation
Space groups
Structural relaxation
Structure factor
Twinning (crystals)

Crystal structure, mineral

See Mineral crystal structure

Crystal structure determination

See Crystal structure determination methods